



PREVENT THE SPREAD CARBAPENEM-RESISTANT K.N.I.V.O. DETECTION K- SET (LATERAL FLOW ASSAY)

**DETECTION OF KPC,NDM,IMP,VIM & OXA-48 TYPE
CARBAPENEMASE IN BACTERIAL COLONY**

Your health is our priority

bio-state Inc.



Intended Use

This rapid diagnostic product uses sandwich immunochromatography technology intended for the qualitative detection of KPC,NDM,IMP,VIM & OXA-48 type carbapenemase in one product .

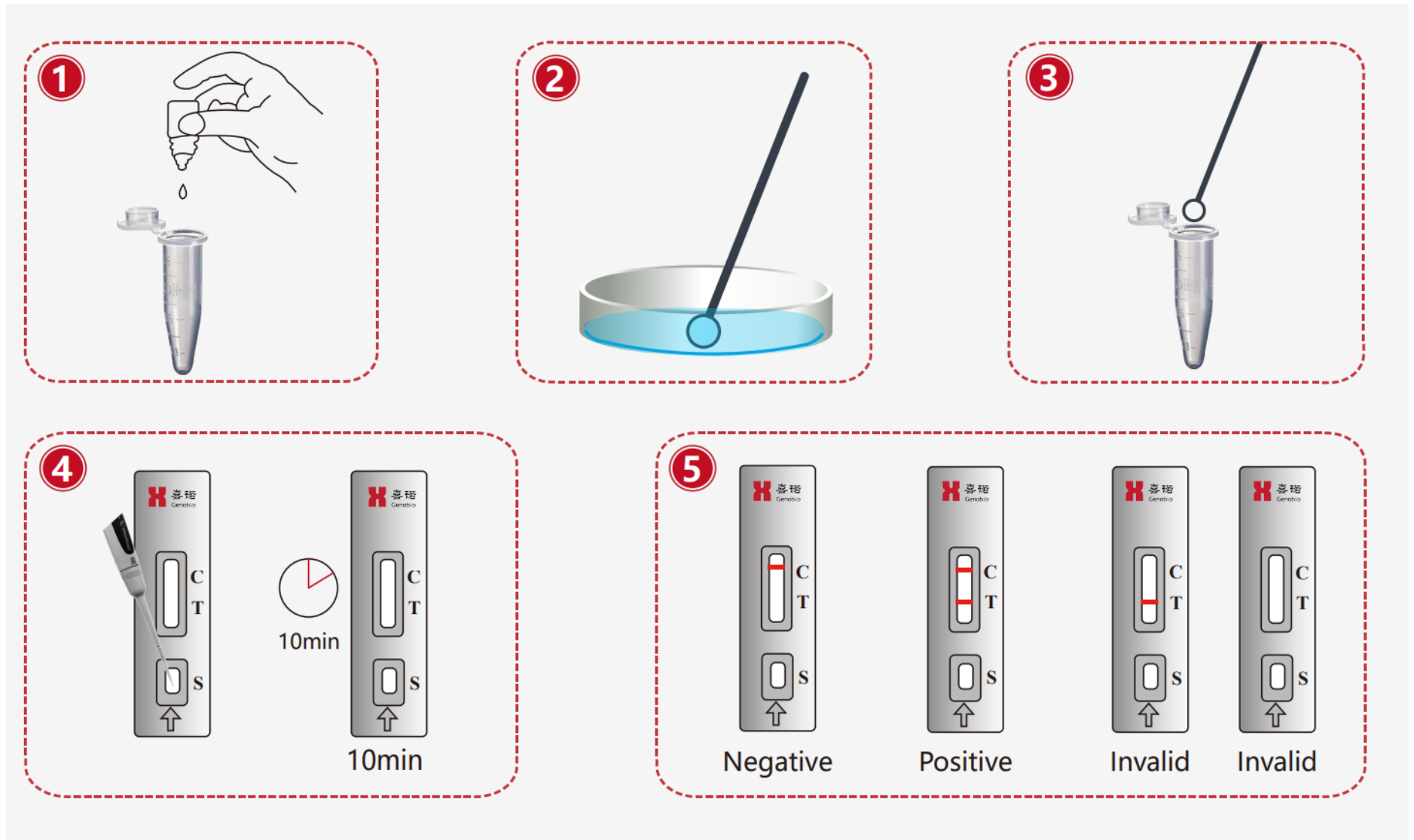
It is of great significance for the early typing of drug-resistant strains, the guidance of medication, and the improvement of human's medical and health standards.

Product Characteristics

Name	Carbapenem-resistant K.N.I.V.O. Detection K-Set (Lateral Flow Assay)
Method	Lateral Flow Assay
Sample type	Bacterial colony
Specification	25 tests/kit
Detection time	10-15 min
Detection Objects	KPC, NDM, IMP, VIM and OXA-48 Carbapenemase
Stability	The K-set is stable for 2 years at 2-30°C
Performance	Sensitivity KPC NDM IMP VIM OXA-48 100% 100% 100% 100% 100%
Performance	Specificity KPC NDM IMP VIM OXA-48 100% 100% 100% 100% 100%



Test Procedure



Comparison With Traditional Method

Carbapenem-resistant K.N.I.V.O. Detection Kit	Traditinal Culture Method
Suspected CRE-infected patient	Suspected CRE-infected patient
Bacterial culture	Bacterial culture
Sample collection	Sample collection
Using Carbapenem-resistant K.N.I.V.O. Detection Kit	Antibiotic Sensitivity test
Result in 15 minutes.	Result in 3-5 days



Advantages

Effective Treatment

Evidence-based medicine for a more accurate anti-infective treatment as soon as possible



TAT

Result in 15 minutes, without 3-5 days from antibiotic sensitive test



Easier

Simple operation, visible result, easy interpretation



Why CRE Rapid test?

Admission to hospital

Helps patient management and prevents nosocomial infection

Medication guidance

Reasonable drug use slows antibiotic resistance development

Medication monitor

Observe drug efficacy and adjust treatment plan in real-time
It should be after intended use

Simple

Easy to use, ordinary laboratory staff can operate without training



Intuitive result

There is no need for calculation, visual reading result



Economic

Product can be transported and stored at room temperature, reducing costs



bio-state Inc.

An emerging diagnostic company

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